

Converting Colors

$Yxy(26.4546, 0.2963, 0.3753)$

Have a look what the booklet for
Yxy(26.4546, 0.2963, 0.3753)
contains.

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Color

$Y_{xy}(26.5829, 0.2969, 0.3763)$

Conversions

Conversions Part 1

Format	Color
Hex	6E967C
RGB	110, 150, 124
RGB Percent	43%, 59%, 49%
CMY	0.5686, 0.4117, 0.5138
CMYK	0.27, 0.00, 0.17, 0.41
HSL	141°, 16%, 51%
HSV	141°, 27%, 59%
XYZ	20.9739, 26.5829, 23.0861
YIQ	135.0760, -15.4940, -16.5660

Conversions

Conversions Part 2

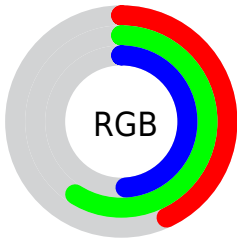
Format	Color
R_{YB}	110, 140, 150
Decimal	7247484
CIE _{Lab}	58.59, -19.35, 9.34
CIE _{LCh}	59, 21.482, 154.236
Yxy	26.5829, 0.2969, 0.3763
Android (android.graphics.Color)	4285437564 (0xFF6E967C)
YUV	135.0760, -5.4605, -21.9917
Hunter-Lab	51.5586, -17.6144, 9.5431

Details

The Yxy color **26.5829, 0.2969, 0.3763** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.4157, 0.3330, 0.2860**, and the grayscale version is **24.2833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0414, 0.2999, 0.3648**, and **10.4238, 0.2906, 0.3957** is the 20% darker color. If you saturate the color by 10%, you get **25.4670, 0.2916, 0.3976**, and if you desaturate by 10%, it is **27.8883, 0.3027, 0.3569**.

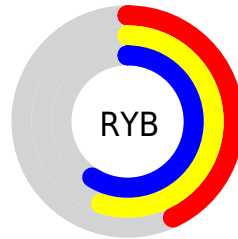
Distribution



Red (43%)

Green (59%)

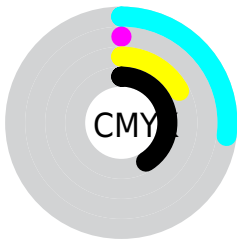
Blue (49%)



Red (43%)

Yellow (55%)

Blue (59%)

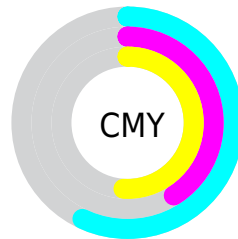


Cyan (27%)

Magenta (0%)

Yellow (17%)

Black (41%)



Cyan (57%)


Magenta (41%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5829, 0.2969, 0.3763 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.5829, 0.2969, 0.3763 by changing the saturation by 10% instead.


 26.5829, 0.2969,
0.3763


 26.5829, 0.2969,
0.3763


285.6319, 0.3059,
0.3497


 17.2602, 0.2942,
0.3842


 54.2138, 0.3005,
0.3658


 10.4202, 0.2904,
0.3952


 73.2909, 0.3017,
0.3621

 5.6784, 0.2845,
0.4116

 96.3881, 0.3028,
0.3591

 2.6506, 0.2748,
0.4387

 123.8900, 0.3036,
0.3566

 0.9521, 0.2442,
0.5393

156.1810, 0.3043,
0.3545

 0.0000, 0.0000,
0.0000

193.6453, 0.3049,

0.3526

236.6675, 0.3055,
0.3511

■ 26.5829, 0.2969,
0.3763

■ 26.5829, 0.2969,
0.3763

■ 25.4670, 0.2916,
0.3976

■ 27.8883, 0.3027,
0.3569

■ 24.5285, 0.2869,
0.4205

■ 29.3883, 0.3087,
0.3395

■ 23.7587, 0.2833,
0.4446

■ 31.0917, 0.3147,
0.3240

■ 23.1471, 0.2810,
0.4693

■ 33.0059, 0.3207,
0.3104

■ 22.6818, 0.2803,
0.4937

■ 35.1378, 0.3264,
0.2984

■ 22.3493, 0.2812,
0.5168

■ 37.4942, 0.3319,
0.2879

■ 22.1285, 0.2837,
0.5377

■ 40.0815, 0.3372,
0.2788

■ 22.0656, 0.2845,
0.5442

■ 42.9056, 0.3421,
0.2708

■ 45.9726, 0.3468,
0.2638

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.5829, 0.3330, 0.3930



26.5829, 0.2969, 0.3763



26.5829, 0.2663, 0.3445

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.5829, 0.2969, 0.3763



26.5829, 0.2612, 0.2708



26.5829, 0.3816, 0.3417

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.5829, 0.2969, 0.3763



19.4157, 0.3330, 0.2860

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.5829, 0.3602, 0.3123



26.5829, 0.2969, 0.3763



26.5829, 0.2896, 0.2727

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.5829, 0.2969, 0.3763



26.5829, 0.2466, 0.2835



26.5829, 0.3258, 0.2877



26.5829, 0.3831, 0.3699

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.5829, 0.2969, 0.3763



26.5829, 0.2526, 0.3210



26.5829, 0.3258, 0.2877



26.5829, 0.3765, 0.3317

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.5840, 0.2969, 0.3763



51.4432, 0.3078, 0.3420



28.2306, 0.3371, 0.3968



11.3156, 0.3069, 0.3444



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5840, 0.2969, 0.3763



45.6974, 0.2936, 0.3888



27.1228, 0.2803, 0.3406



6.4999, 0.3072, 0.3437



18.3052, 0.2841, 0.5428



0.2292, 0.2609, 0.4592

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.4157, 0.3330, 0.2860



30.8707, 0.3388, 0.2761



18.9139, 0.3587, 0.3178



5.8751, 0.3187, 0.3147



6.1091, 0.4304, 0.2145



0.0804, 0.3712, 0.1819

Previews

White Background



This preview shows how the Yxy color 26.5829, 0.2969, 0.3763 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 26.5829, 0.2969, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

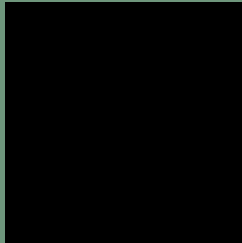
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.5829, 0.2969, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 26.5829, 0.2969, 0.3763.



This preview shows how white text looks on a background with the Yxy color 26.5829, 0.2969, 0.3763.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.5829, 0.2969, 0.3763

Protanopia

26.3840, 0.3436, 0.3637

Deuteranopia

26.2312, 0.3491, 0.3418



Tritanopia

26.3981, 0.2736, 0.3085

Trichromacy



Original Color

26.5829, 0.2969, 0.3763

Protanomaly

26.3953, 0.3248, 0.3686

Deuteranomaly

25.9252, 0.3282, 0.3526

Tritanomaly

26.4892, 0.2821, 0.3324

Monochromacy



Original Color

26.5829, 0.2969, 0.3763

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.8305, 0.3066, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5829, 0.2969, 0.3763 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(110, 150, 124)` looks like.

```
.text, #text, p{  
    color:rgb(110, 150, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(110, 150, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 150, 124) }
```

Border

The CSS property to change the border of an element to Yxy 26.5829, 0.2969, 0.3763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 150, 124) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(110, 150, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(110, 150, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 150, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 150, 124);  
box-shadow:4px 4px 4px 4px rgb(110, 150,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5829, 0.2969, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 150, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(110,  
150, 124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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